



Each gamete should have one chromosome from a homologous pair
 --> 23 chromosomes in sperm --> 46 chromosomes in the baby (if a sperm fertilizes a normal egg)... This is shown in the sperm labeled "C"

Sperm Labeled A: These gametes have two chromosomes from the pair --> if this happens in one pair, it will result in 24 chromosomes in the sperm --> 47 chromosomes in the baby (trisomy... three chromosomes from a pair... in this case, two from sperm and one from egg)

Sperm Labeled B: These gametes have zero chromosomes from the pair --> 22 chromosomes in the sperm --> 45 chromosomes in the baby (monosomy... one chromosome from a pair... in this case zero from sperm and one from egg)